

IN THE SPECIFICATION:

Kindly replace the following paragraph of the written description with the following corrected version. This paragraph begins at page 11, line 5 of the specification as filed, or ¶ [0033] of the published application.

FIG. 12C shows how, by increasing the pressure to or above the initial pressure P_0 , it is possible to reverse the penetration of the droplet 1201, whether that penetration was initiated by pressure reduction or by electrowetting. Once again, such a pressure increase may be achieved by changing the temperature of the fluid within the cells, illustratively in ~~FIG. 8C~~ FIG. 12C to a temperature greater than the initial temperature T_0 . One illustrative method of increasing this temperature is to apply a voltage to electrodes 1002 in FIG. 10 in a way such they heat the insides of the cells. The increased temperature will increase the pressure within the cells above the initial pressure P_0 . The contact angle between the droplet and the elements of the feature pattern will thus change to θ_3 , which is smaller than θ_1 and the liquid will move out of the cells, thus returning droplet 1201 to a very low flow resistance contact with feature pattern 1204. Once again, one skilled in the art will recognize that any method of increasing the pressure within the cells to reverse the penetration of the droplet 1201, including any other method of increasing the temperature of the fluid within the cells, will have similar results.